

ExPASy Home page	Site Map	Search ExPASy	Contact us	ENZYME	Swiss-Prot																
Search <input type="text" value="Swiss-Prot/TrEMBL"/>	<input type="checkbox"/>	for <input type="text"/>	<input type="button" value="Go"/>	<input type="button" value="Clear"/>																	
<h1>NiceZyme View of ENZYME: EC 3.5.1.81</h1>																					
Official Name N-acyl-D-amino-acid deacylase. Alternative Name(s) D-aminoacylase. Reaction catalysed $\text{N-acyl-D-amino acid} + \text{H}_2\text{O} \rightleftharpoons \text{an acid} + \text{D-amino acid}$																					
Cofactor(s) Zinc. Comments <ul style="list-style-type: none"> Has a wide specificity; hydrolyzes N-acyl derivative of neutral D-amino acids. Used in separating D- and L-amino acids. 																					
Cross-references <table border="1"> <tr><td>BRENDA</td><td>3.5.1.81</td></tr> <tr><td>EMP/PUMA</td><td>3.5.1.81</td></tr> <tr><td>WIT</td><td>3.5.1.81</td></tr> <tr><td>Kyoto University LIGAND chemical database</td><td>3.5.1.81</td></tr> <tr><td>IUBMB Enzyme Nomenclature</td><td>3.5.1.81</td></tr> <tr><td>IntEnz</td><td>3.5.1.81</td></tr> <tr><td>MEDLINE</td><td>Find literature relating to 3.5.1.81</td></tr> <tr><td>Swiss-Prot</td><td>P72349, NDAD_ALCXX;</td></tr> </table>						BRENDA	3.5.1.81	EMP/PUMA	3.5.1.81	WIT	3.5.1.81	Kyoto University LIGAND chemical database	3.5.1.81	IUBMB Enzyme Nomenclature	3.5.1.81	IntEnz	3.5.1.81	MEDLINE	Find literature relating to 3.5.1.81	Swiss-Prot	P72349, NDAD_ALCXX;
BRENDA	3.5.1.81																				
EMP/PUMA	3.5.1.81																				
WIT	3.5.1.81																				
Kyoto University LIGAND chemical database	3.5.1.81																				
IUBMB Enzyme Nomenclature	3.5.1.81																				
IntEnz	3.5.1.81																				
MEDLINE	Find literature relating to 3.5.1.81																				
Swiss-Prot	P72349, NDAD_ALCXX;																				

[View entry in original ENZYME format](#)

All [ENZYME](#)/Swiss-Prot entries corresponding to 3.5.1.- [new](#)

All [ENZYME](#)/Swiss-Prot entries corresponding to 3.5.-

All [ENZYME](#)/Swiss-Prot entries corresponding to 3.-

ExPASy Home page	Site Map	Search ExPASy	Contact us	ENZYME	Swiss-Prot
Hosted by NCSC US	Mirror sites:	Australia	Bolivia	Canada	China
				Korea	Switzerland
					Taiwan